

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S90	6	"5705214"	USPAT	OR	ON	2006/05/10 16:33
S92	24	("2926116"   "2926154"   "3125552"   "3608564"   "3705588"   "4036114"   "4218286"   "4407994"   "4510950"   "4522686"   "4607647"   "4614546"   "4625737").PN. OR ("5439010").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/10 16:39
S91	23	(wetlaid\$4 or wet-laid\$4 or wet-lay\$4 or wetlay\$4) same (synthetic or polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute)	USPAT	OR	ON	2006/05/10 16:40
S93	35	(wetlaid\$4 or wet-laid\$4 or wet-lay\$4 or wetlay\$4) same (synthetic or polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 16:41
S96	0	(( polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute)).ab. and (wetlaid\$4 or wet-laid\$4 or wet-lay\$4 or wetlay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 16:48
S95	1146	(( polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 16:48
S94	31	(wetlaid\$4 or wet-laid\$4 or wet-lay\$4 or wetlay\$4) same ( polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 16:48
S97	371	(( polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute)) and (wetlaid\$4 or wet-laid\$4 or wet-lay\$4 or wetlay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 16:49
S98	215	(( polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute)) and (wetlaid\$4 or wet-laid\$4 or wet-lay\$4 or wetlay\$4) and "%"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 16:50

## EAST Search History

S10 0	234	(( polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute) same (wood)) and (wetlaid\$4 or wet-laid\$4 or wet-lay\$4 or wetlay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 16:51
S99	4	(( polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute) same "%") and (wetlaid\$4 or wet-laid\$4 or wet-lay\$4 or wetlay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/10 16:51
S10 3	1	"9510190"	US-PGPUB; USPAT	OR	ON	2006/05/11 08:49
S10 2	1	("5705214").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/11 08:49
S10 1	201	(( polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute) same (wood with pulp)) and (wetlaid\$4 or wet-laid\$4 or wet-lay\$4 or wetlay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/12 12:00
S10 5	371	(( polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute) and (wetlaid\$3 or wet-laid\$3 or wet-lay\$3 or wetlay\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/12 12:05
S10 4	31	(( polyamide or nylon or polyolefin or polyethylene or polypropylene or polyester) same (abaca or sisal or flax or jute) same (wetlaid\$3 or wet-laid\$3 or wet-lay\$3 or wetlay\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/12 12:05
S10 8	1	S107 and viscose	US-PGPUB; USPAT	OR	ON	2006/05/15 12:42
S10 7	1	("6762138").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/15 12:42
S11 0	0	S106 and (sausage or casing or meat)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 12:47
S10 9	0	S106 and (sausage or casing)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 12:47

## EAST Search History

S10 6	12	("1958045"   "4319956"   "4418031"   "5009747"   "5151320"   "5253397"   "5399422"   "5437919"   "5514429"   "5958186"   "6163943").PN. OR ("6762138").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 12:47
S11 1	362	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (pulp or pulped or woodpulp\$3) and (casing or sausage or meat)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 12:51
S11 3	0	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (pulp or pulped or woodpulp\$3) and (casing or sausage or meat) and ((impregnat\$5 or infus\$5 or saturat\$5 or coat\$5) with viscose)	EPO; JPO; DERWENT	OR	ON	2006/05/15 12:56
S11 4	2	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (pulp or pulped or woodpulp\$3) and (casing or sausage or meat)	EPO; JPO; DERWENT	OR	ON	2006/05/15 12:57
S11 6	415	(sisal or abaca or flax or jute) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (casing or sausage or meat)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 13:54
S11 5	5	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (casing or sausage or meat)	EPO; JPO; DERWENT	OR	ON	2006/05/15 13:54
S11 7	70	(sisal or abaca or flax or jute) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (casing or sausage or meat) and viscose	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 14:00
S11 8	90	"2105273" "2144899" "2910380" "3135613" "3433663"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 14:01

## EAST Search History

S11 2	19	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (pulp or pulped or woodpulp\$3) and (casing or sausage or meat) and ((impregnat\$5 or infus\$5 or saturat\$5 or coat\$5) with viscose)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 14:01
S11 9	8	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (pulp or pulped or woodpulp\$3) and S118	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 14:04
S12 0	21	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and S118 and viscose	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 14:07
S12 1	35	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (casing\$3).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 14:09
S12 2	14	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (meat or sausage).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 14:13
S12 5	0	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (meat or sausage or casing) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4)	EPO; JPO; DERWENT	OR	ON	2006/05/15 14:14
S12 4	40	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (meat or sausage or casing) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 14:14
S12 3	40	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (meat or sausage) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 14:14
S12 8	958	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 14:15

## EAST Search History

S12 7	0	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid))	EPO; JPO; DERWENT	OR	ON	2006/05/15 14:15
S12 6	0	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4)	EPO; JPO; DERWENT	OR	ON	2006/05/15 14:15
S13 1	20	("2357258"   "2759830"   "2902371"   "3340089"   "3432980"   "3620774"   "3689291"   "3780488"   "4478858").PN. OR ("5705214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/15 14:22
S13 0	1	"5705214".pn.	US-PGPUB; USPAT	OR	ON	2006/05/15 14:22
S12 9	67	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and (casing or meat or sausage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 08:30
S13 3	0	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and (casing or meat or sausage) and viscose	EPO; JPO; DERWENT	OR	ON	2006/05/17 08:37
S13 8	0	S137 and (casing)	US-PGPUB; USPAT	OR	ON	2006/05/17 09:02
S13 7	1	("5439010").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/17 09:02
S13 6	2	"5705214" and wet	US-PGPUB; USPAT	OR	ON	2006/05/17 09:02
S13 9	0	S137 and (meat)	US-PGPUB; USPAT	OR	ON	2006/05/17 09:05
S14 1	0	S140 and (casing or meat)	US-PGPUB; USPAT	OR	ON	2006/05/17 09:06
S14 0	1	("6163943").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/17 09:06

## EAST Search History

S14 4	19	("2105273"   "2144899"   "3104682"   "3135613"   "3433663"   "3547662"   "3645760"   "4195054"   "4222821"   "4303711"   "4590107"   "5143584"   "5277857").PN. OR ("6514553").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 09:07
S14 3	1	("6514553").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/17 09:07
S14 2	0	S140 and (casing or meat or sausage)	US-PGPUB; USPAT	OR	ON	2006/05/17 09:07
S13 4	0	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (casing or meat or sausage) and viscose	EPO; JPO; DERWENT	OR	ON	2006/05/17 09:12
S14 6	1034	(162/141,146,142,148).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/17 09:15
S14 5	5	S144 and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene)	US-PGPUB; USPAT	OR	ON	2006/05/17 09:15
S14 9	10	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and S146 and (casing or sausage or food or meat)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 09:22
S14 8	48	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and S146	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 09:30
S13 5	85	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (casing or meat or sausage) and viscose	US-PGPUB; USPAT	OR	ON	2006/05/17 09:30
S15 2	21	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and (beef or meat or food or casing or sausage).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 09:32

## EAST Search History

S15 0	311	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and (beef or meat or food or casing or sausage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 09:32
S15 1	256	(sisal or abaca or flax or jute) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and (beef or meat or food or casing or sausage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 09:33
S15 3	233	((sisal or abaca or flax or jute) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) same (fiber)) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and (beef or meat or food or casing or sausage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 09:35
S15 4	19	((sisal or abaca or flax or jute) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) same (fiber)) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and (casing or (container with (beef or meat or food or sausage))))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 09:37
S15 6	1	("3822182").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/17 09:42
S15 9	0	S156 and roll\$4	US-PGPUB; USPAT	OR	ON	2006/05/17 09:44
S15 8	0	S156 and cylinder	US-PGPUB; USPAT	OR	ON	2006/05/17 09:44
S15 7	0	S156 and viscose	US-PGPUB; USPAT	OR	ON	2006/05/17 09:44
S16 2	0	S161 and (coat\$3)	US-PGPUB; USPAT	OR	ON	2006/05/17 09:49
S16 1	1	("3822182").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/17 09:49
S16 0	0	S156 and bind\$5	US-PGPUB; USPAT	OR	ON	2006/05/17 09:49

## EAST Search History

S16 4	137	(442/416).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/17 09:52
S16 3	12	("3822182").URPN.	USPAT	OR	ON	2006/05/17 09:52
S15 5	46	((sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) and (fiber)) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and (casing or (container with (beef or meat or food or sausage)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 09:52
S16 7	654	((426/135,277) or (206/802) or (428/34.8)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/17 09:59
S16 6	0	((sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid))	EPO; JPO; DERWENT	OR	ON	2006/05/17 09:59
S16 9	8	((sisal or abaca or flax or jute or cellulos\$5 or vegetable) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and S167	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:01
S16 8	4	((sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and S167	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:03
S17 0	26	((sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (viscose) and S167	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:11
S17 1	250	((sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (viscose)	EPO; DERWENT	OR	ON	2006/05/17 10:12



## EAST Search History

S17 2	88	((sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (viscose) and (paper or nonwoven or non-woven or wetla\$5 or wet-la\$5)	EPO; DERWENT	OR	ON	2006/05/17 10:13
S17 3	26	((sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (casing or sausage or food or foodstuff)	EPO; DERWENT	OR	ON	2006/05/17 10:16
S17 4	1882	((sisal or abaca or flax or jute or cellulosa\$5 or vegetable) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (casing or sausage or food or foodstuff)	EPO; DERWENT	OR	ON	2006/05/17 10:17
S17 6	5	((sisal or abaca or flax or jute or vegetable) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (casing or sausage or food or foodstuff) and viscose	EPO; DERWENT	OR	ON	2006/05/17 10:18
S17 8	47	((sisal or abaca or flax or jute or vegetable) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) and fiber) and (casing or sausage or food or foodstuff) and (binder or resin or binding)	EPO; DERWENT	OR	ON	2006/05/17 10:20
S17 7	352	((sisal or abaca or flax or jute or vegetable) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (casing or sausage or food or foodstuff) and (binder or resin or binding)	EPO; DERWENT	OR	ON	2006/05/17 10:20
S18 1	720	rose and casing	US-PGPUB	OR	ON	2006/05/17 10:22
S18 0	5543	rose and casing	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:22
S17 9	8552	casing.ti.	US-PGPUB; USPAT	OR	ON	2006/05/17 10:22

## EAST Search History

S16 5	16	((sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and S164	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:22
S18 3	1667	((sisal or abaca or flax or jute or vegetable) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (casing or sausage or food or foodstuff) and rose	US-PGPUB	OR	ON	2006/05/17 10:23
S18 2	1	((sisal or abaca or flax or jute or vegetable) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (casing or sausage or food or foodstuff) and rose	EPO; DERWENT	OR	ON	2006/05/17 10:23
S13 2	12	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and (casing or meat or sausage) and viscose	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:25
S18 4	49	"9510190" "9934058" "4362781"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:26
S18 5	61	"9510190" "9934058" "4362781"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/05/17 10:28
S18 8	2	casing.ti. and sausage and (sisal or abaca or flax or jute)	EPO; DERWENT	OR	ON	2006/05/17 10:29
S18 7	1275	casing.ti. and sausage	EPO; DERWENT	OR	ON	2006/05/17 10:29
S18 6	83487	casing.ti.	EPO; DERWENT	OR	ON	2006/05/17 10:29
S19 0	75	casing.ti. and sausage and viscose	EPO; DERWENT	OR	ON	2006/05/17 10:34
S18 9	53	casing.ti. and sausage and (sisal or abaca or flax or jute or hemp or vegetable)	EPO; DERWENT	OR	ON	2006/05/17 10:34

## EAST Search History

S14 7	43	(sisal or abaca or flax or jute) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and S146	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:42
S19 1	332	((sisal or abaca or flax or jute or cellulose) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) same fiber) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and (viscose)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:43
S19 3	1	US-5942354-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:47
S19 2	13	((sisal or abaca or flax or jute or cellulose) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene) same fiber) and (wet-lay\$4 or wet-laid or wetlaid or wetlay\$4 or (wet adj lay\$5) or (wet adj laid)) and (viscose) and (casing or sausage or foodstuff)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:47
S19 4	19	("3463669"   "3973067"   "3980497"   "4234623"   "4378414"   "4741979"   "5134174"   "5366832"   "5426004"   "5462820"   "5634914"   "5700599"   "5700600"   "5770528").PN. OR ("5942354").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 10:48
S19 5	24	(US-6762138-\$ or US-5958186-\$ or US-6163943-\$ or US-6514553-\$ or US-5603884-\$ or US-4218286-\$ or US-5700600-\$ or US-6051335-\$ or US-6610174-\$ or US-4867204-\$ or US-5705214-\$ or US-6395356-\$ or US-5439010-\$ or US-5466518-\$ or US-5747125-\$ or US-5744251-\$). did. or (US-3822182-\$).did. or (EP-819725-\$ or EP-712889-\$ or EP-878133-\$).did. or (EP-453925-\$ or GB-2273458-\$ or GB-1042182-\$ or EP-878133-\$).did.	USPAT; USOCR; EPO; DERWENT	OR	ON	2006/05/17 10:53
S19 6	16	S195 and casing	USPAT; USOCR; EPO; DERWENT	OR	ON	2006/05/17 10:54

## EAST Search History

S17 5	922	((sisal or abaca or flax or jute or vegetable) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic)) and (casing or sausage or food or foodstuff)	EPO; DERWENT	OR	ON	2006/05/17 11:06
S19 7	10	((sisal or abaca or flax or jute or vegetable) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) same fiber) and (casing or sausage)	EPO; DERWENT	OR	ON	2006/05/17 11:07
S19 9	43	((sisal or abaca or flax or jute or vegetable) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) same fiber) and (casing with sausage)	US-PGPUB; USPAT	OR	ON	2006/05/17 11:15
S20 2	11	((sisal or abaca or flax or jute or vegetable or hemp) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) and fiber) and (casing with sausage)	EPO; DERWENT	OR	ON	2006/05/17 11:16
S20 1	3	((sisal or abaca or flax or jute or vegetable) and (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) and fiber) and (casing with sausage)	EPO; DERWENT	OR	ON	2006/05/17 11:16
S20 0	3	((sisal or abaca or flax or jute or vegetable) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) same fiber) and (casing with sausage)	EPO; DERWENT	OR	ON	2006/05/17 11:16
S20 4	65	((sisal or abaca or flax or jute or hemp) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) same fiber) and (casing with sausage)	US-PGPUB; USPAT	OR	ON	2006/05/17 11:18
S20 3	305	((sisal or abaca or flax or jute or hemp) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) same fiber) and (casing or sausage)	US-PGPUB; USPAT	OR	ON	2006/05/17 11:18

## EAST Search History

S19 8	337	((sisal or abaca or flax or jute or vegetable) same (polyamide or nylon or polyester or polyolefin or polypropylene or polyethylene or synthetic) same fiber) and (casing or sausage)	US-PGPUB; USPAT	OR	ON	2006/05/17 11:18
S20 5	5	rui with ferreira	USPAT	OR	ON	2006/05/17 12:17
S20 6	10	rui with ferreira	USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 12:34
S20 8	1	("6395356").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/17 12:44
S20 7	2	pierre with wielockx	USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 12:44
S20 9	0	S208 and pulp	US-PGPUB; USPAT	OR	ON	2006/05/17 12:51
S21 1	1	S205 and (wet or water)	US-PGPUB; USPAT	OR	ON	2006/05/17 12:52
S21 0	1	("6395356").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/17 12:52
S21 2	1	S210 and (wet or water)	US-PGPUB; USPAT	OR	ON	2006/05/17 13:41
S21 3	54	(sausage with casing) and (pulp) and (hemp or abaca or sisal or kenaf) and (synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin)	US-PGPUB; USPAT	OR	ON	2006/05/17 13:47
S21 4	9	(sausage with casing) and (pulp) and (hemp or abaca or sisal or kenaf) and (synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin)	USOCR	OR	ON	2006/05/17 13:48
S21 6	1	((meat or sausage or foodstuff) with casing) and (pulp) and (hemp or abaca or sisal or kenaf) and (synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin)	EPO; JPO; DERWENT	OR	ON	2006/05/17 13:49
S21 5	10	((meat or sausage or foodstuff) with casing) and (pulp) and (hemp or abaca or sisal or kenaf) and (synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin)	USOCR	OR	ON	2006/05/17 13:49

## EAST Search History

S21 7	4	((meat or sausage or foodstuff) and (pulp) and (hemp or abaca or sisal or kenaf) and (synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin))	EPO; JPO; DERWENT	OR	ON	2006/05/17 13:50
S21 8	272	((meat or sausage or foodstuff) and (pulp) and (hemp or abaca or sisal or kenaf) and (synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 14:33
S22 0	217	((meat or sausage or foodstuff) with casing) and (pulp) and (synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 14:34
S21 9	2631	((meat or sausage or foodstuff) and (pulp) and (synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 14:34
S22 2	1	("5747125").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/17 14:46
S22 3	15	("2179181"   "2926116"   "4952431"   "5470519"   "5603884").PN. OR ("5747125").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 14:47
S22 1	84	((meat or sausage or foodstuff) with casing) and (pulp) same (synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 14:51
S22 4	144	((meat or sausage or foodstuff) with casing) and (synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin) and ((roller or cylinder) with (heat\$3 or hot\$3 or temperature))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 14:52
S22 5	99	((meat or sausage or foodstuff) with casing) and (synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin) and ((roller or cylinder) with (heat\$3 or hot\$3 or temperature)) and celulos\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 14:57

## EAST Search History

S22 6	38	((meat or sausage or foodstuff) with casing) and ((synthetic or polyester or polyamide or nylon or polyethylene or polypropylene or polyolefin) with fiber) and ((roller or cylinder) with (heat\$3 or hot\$3 or temperature)) and cellulose\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 14:58
S22 7	1	("3822182").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/07 15:56
S22 8	12	("3822182").URPN.	USPAT	OR	ON	2006/06/08 07:52
S22 9	39	(casing with paper) and (cellulose or cellulosic or abaca sisal jute flax) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	USPAT	OR	ON	2006/06/08 07:58
S23 1	47	(casing with sausage) and (cellulose or cellulosic or abaca sisal jute flax) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:01
S23 0	51	(casing with paper) and (cellulose or cellulosic or abaca sisal jute flax) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:01
S23 3	2	((("2045095") or ("2414833"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/06/08 08:08
S23 5	0	(casing ) and ((cellulose or cellulosic or abaca sisal jute flax) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	EPO; DERWENT	OR	ON	2006/06/08 08:14
S23 4	0	(casing with (sausage or meat)) and ((cellulose or cellulosic or abaca sisal jute flax) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	EPO; DERWENT	OR	ON	2006/06/08 08:14

## EAST Search History

S23 2	33	(casing with (sausage or meat)) and ((cellulose or cellulosic or abaca sisal jute flax) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:14
S23 7	12	(meat or sausage or food ) and ((cellulose or cellulosic or abaca sisal jute flax)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	EPO; DERWENT	OR	ON	2006/06/08 08:17
S23 9	1	S238 and food	US-PGPUB; USPAT	OR	ON	2006/06/08 08:19
S23 8	1	("5824191").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/08 08:19
S24 2	49	(casing) and ((abaca sisal jute flax) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:21
S24 0	0	(casing) and ((cellulose or cellulosic or abaca sisal jute flax) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	EPO; DERWENT	OR	ON	2006/06/08 08:21
S23 6	0	(meat or sausage or food ) and ((cellulose or cellulosic or abaca sisal jute flax) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	EPO; DERWENT	OR	ON	2006/06/08 08:21



## EAST Search History

S24 3	58	(casing) and ((abaca sisal jute flax hemp) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:23
S24 4	96	(casing) and ((abaca sisal jute flax hemp))	EPO; DERWENT	OR	ON	2006/06/08 08:27
S24 5	64	(meat or sausage) and ((abaca sisal jute flax hemp))	EPO; DERWENT	OR	ON	2006/06/08 08:28
S24 6	1899	((cellulose or cellulosic or abaca sisal jute flax) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester) same paper) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:32
S24 1	209	(casing) and ((cellulose or cellulosic or abaca sisal jute flax) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:32
S24 9	319	((abaca sisal jute flax hemp) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester) same fiber) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding) and (casing or sausage or food or meat)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:33
S24 8	346	((abaca sisal jute flax hemp) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding) and (casing or sausage or food or meat)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:33

## EAST Search History

S24 7	308	((abaca sisal jute flax hemp) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester) same paper) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:33
S25 0	1307	((abaca sisal jute flax hemp) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester) same fiber same woodpulp or pulp) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding) and (casing or sausage or food or meat)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:34
S25 1	226	((abaca sisal jute flax hemp) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester) same fiber same (woodpulp or pulp)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding) and (casing or sausage or food or meat)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:35
S25 2	38	((abaca sisal jute flax hemp) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester) same fiber same (woodpulp or pulp)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding) and (casing)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:36
S25 4	15	((abaca sisal jute flax hemp) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding) and ((food or meat or sausage) near3 (wrapping or wrap or casing or covering))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:37

## EAST Search History

S25 3	4	((abaca sisal jute flax hemp) same (synthetic or polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester) same fiber same (woodpulp or pulp)) and (paper-making or papermaking or wetlaying or wetlaid or wet-lay\$5 or wet-laid) and (binder or adhesive or binding) and ((food or meat or sausage) near3 (wrapping or wrap or casing or covering))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 08:37
S25 6	1	("4546023").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/08 09:47
S25 5	18	("3428582"   "3503918"   "3629209"   "3632424"   "3647615"   "3658579"   "3700492"   "3755233"   "3758429"   "3803072").PN. OR ("3922424").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 09:47
S25 7	1	S256 and (roller)	US-PGPUB; USPAT	OR	ON	2006/06/08 10:57
L1	28	"4396039"	US-PGPUB; USPAT	OR	ON	2006/06/08 11:05
L2	119	(heated with (cylinder or roller)) and ((abaca sisal jute flax hemp) same (polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (wet-laid or wetlay\$4 or wet-lay\$4 or papermaking or paper-making)	US-PGPUB; USPAT	OR	ON	2006/06/08 11:07
L4	22	(heated with (cylinder or roller)) and ((abaca sisal jute flax hemp) same (polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and casing	US-PGPUB; USPAT	OR	ON	2006/06/08 11:08
L3	5	(heated with (cylinder or roller)) and ((abaca sisal jute flax hemp) same (polyamide or nylon or polyolefin or polypropylene or polyethylene or polyester)) and (wet-laid or wetlay\$4 or wet-lay\$4 or papermaking or paper-making) and casing	US-PGPUB; USPAT	OR	ON	2006/06/08 11:08